Lanzhousaurus

Lanzhousaurus is a genus of dinosaur. *Lanzhousaurus* lived in the Gansu region of what is now China during the Early Cretaceous (Barremian). A partial skeleton has been recovered from the Hekou Group. It was described by You, Ji and Li in 2005 and the type and only species is ***Lanzhousaurus magnidens***.[1] It's been estimated to be about 10 meters (33 feet) in length and 6 tonnes (6.6 short tons) in weight.[2]

Dentition

The genus has been described as having "astonishingly huge teeth", among the largest for any herbivorous creature ever, which indicate it was a styracosternan iguanodont. The mandible, longer than one meter, suggests a very large size for the animal. Tooth enamel of this dinosaur was growing very rapidly.[3]

References

1. You, H.-L. (2005) *Lanzhousaurus magnidens* from the Lower Cretraceous of Gansu province, China: The largest-toothed herbivorous dinosaur in the world. *JVP* **26**(3) Abstracts pp. 142
2. Paul, Gregory S. (2016). *The princeton field guide to dinosaurs 2nd edition*. New Jersey: Princeton University Press. p. 319.
3. Celina A. Suarez, Hai-Lu You, Marina B. Suarez, Da-Qing Li & J. B. Trieschmann (2017). Stable Isotopes Reveal Rapid Enamel Elongation (Amelogenesis) Rates for the Early Cretaceous Iguanodontian Dinosaur *Lanzhousaurus magnidens*. *Scientific Reports* **7**, Article number: 15319 (2017). doi:10.1038/s41598-017-15653-6 (https://www.nature.com/articles/s41598-017-15653-6)

Lanzhousaurus

Temporal range: Lower Cretaceous, 130 Ma

Pre€ € O S D C P T J K PgN

Skeletal mount of *Lanzhousaurus*

Scientific classification	
Kingdom:	Animalia
Phylum:	Chordata
Clade:	Dinosauria
Order:	†Ornithischia
Suborder:	†Ornithopoda
Clade:	†Styracosterna
Genus:	†*Lanzhousaurus* You, Ji & Li, 2005
Type species	
Lanzhousaurus magnidens You, Ji & Li, 2005	

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